

Name: _____

Date: _____

FOIL and Factor solution (version 113)

FOIL the expressions shown below:

1. $(x - 7)(x + 9)$

$$x^2 + 2x - 63$$

2. $(x - 6)(x - 5)$

$$x^2 - 11x + 30$$

3. $(x - 1)(x + 7)$

$$x^2 + 6x - 7$$

4. $(x + 1)(x - 6)$

$$x^2 - 5x - 6$$

5. $(x - 3)(x + 1)$

$$x^2 - 2x - 3$$

Factor the expressions shown below:

6. $x^2 + 7x + 10$

$$(x + 2)(x + 5)$$

7. $x^2 + 10x + 9$

$$(x + 9)(x + 1)$$

8. $x^2 - 4x - 32$

$$(x + 4)(x - 8)$$

9. $x^2 - 7x - 8$

$$(x + 1)(x - 8)$$

10. $x^2 - 4x + 3$

$$(x - 1)(x - 3)$$